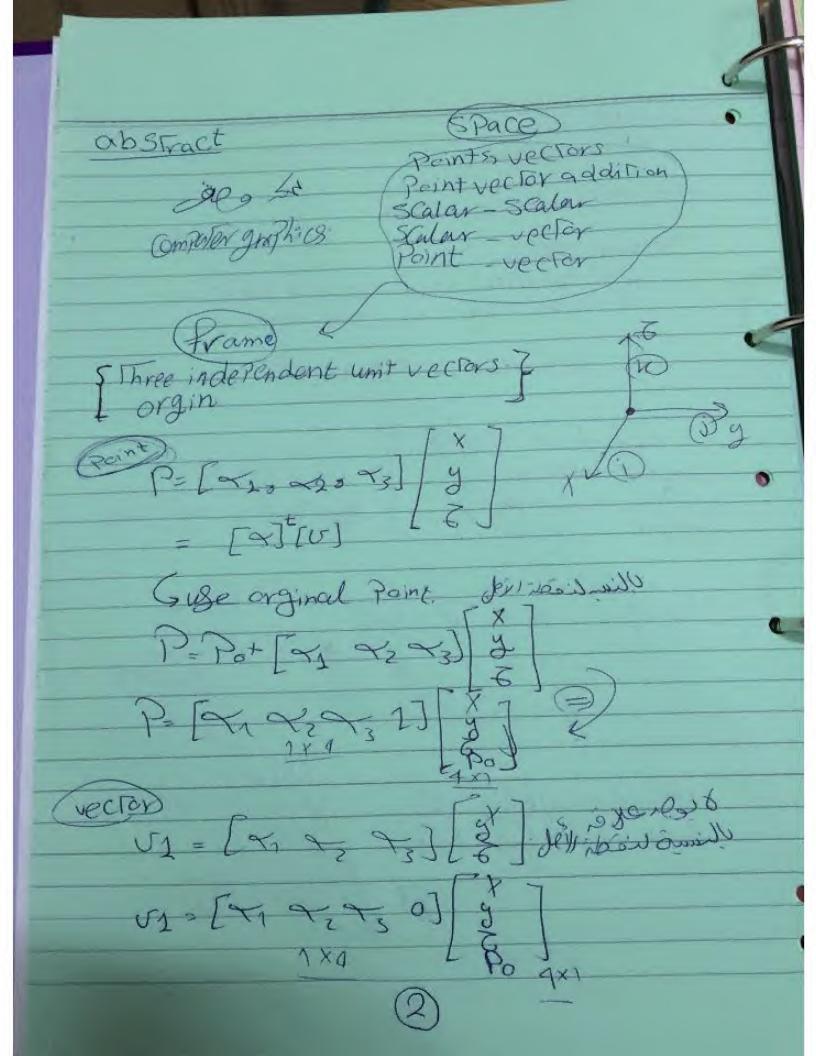
5-5-2015 Lec Computer Diaphics SPaces Camputer Syaphica Scalar 3Pacesentifies. Real and complex quantities operation addition, Jubractich Troline coes 35 is Edidiom Space Points: - lo Carpon Emparey graphics vectors-direction galar. Point Tor S=12+00 St=P1+2(Q2-P1) St=P1+8(Q-P1)



:. U - Constant فالنعظم لها 4 أوم! CELLUT Co Coordinate Translation

12-5-3-15 * Lec. Ompurer graphics* Himitings * line segments Exclipation SPace: EUC. DISTANCO a Subtraction 12 4 Salar vector => A'66 Ine stale. * Points x vectors x line sesment Spant at Point P in The direction of vector of with mashitublutto each

Point Point Euclyden SPace U=Q-P) *VECTOR 1-P~(0-P) Da Que & 201 20 (70)% - 4=0.7 Cire segmenticle of was control onto Q = P+TQ-TP = ~ (1-4)P colob 9 4 Colob 9 4 Line Segrent 3 is Jal 000 coosi a do 100 m 2969 8 2 810 mil

Fex 100D R Good xod For 100D R DO:1) BOID B T(X3B) P° 25(4) Q Streeting Point Line Control is T(x3B)=P+x(Q-P)+ Qep ~~ J(=B) = P+4(Q-P)+B(R-P+4(Q-P)) بزيادة مع الله مؤراد المستوى. Reg regen Parion P-B, U1+B2 U2+B3U3 1. P. Pa + B1 V1 + B2 V2 + B3 V3 3 amir vector + origin = frame telt hunder Tramo 17: Shi handed Frame Transla To from Now Fram blues 0949 Translatial SUSPEN CU u= Comera y world (model view seatrix) _ mi is a comprand its lace he con Projection Matrix) eill Enal word = gd (Matel Transformera) Som